

**In the United States Patent and Trademark Offices**

Appn. Number: 10/688,757  
Appn. Filed: October 20, 2003  
Applicants: Yu-An Chang & Jim-Son Chou  
Title: New Ophthalmic Lens Materials with High Refractive Index and Biocompatible Surface  
Examiner/GAU: David W. Wu & Timothy Cole/ 1700; Pezzuto, Helen Lee/1713

|                    |
|--------------------|
| <b>Amendment A</b> |
|--------------------|

Assistant Commissioner for Patents  
Washington, District of Columbia 20231

Sir:

In response to the Notice of Non-Compliant Amendment mailed October 27, 2005, please amend the above application as follows:

*(NOTE: Your notices were typed in Arial font, while our responses were typed in Times New Roman font.)*

1. Amended paragraph(s) do not include markings.

**RESPONSE:**

Applicants elect that the description of drawings with proper markings be examined as showed in the attached "clean copy" of the new patent application.

3. Amendments to the drawings: The drawings are not properly identified in the top margin as "Replacement Sheet," "New Sheet," or "Annotated Sheet" as required by 37 CFR 1.121(d)

**RESPONSE:**

Applicants elect that the description of drawings be examined as showed in the attached “clean copy” of the new patent application and the drawings are identified in the top margin as “Replacement Sheet”.

4. C Amendments to the claims: Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdraw-currently amended).

**RESPONSE:**

The Status of every claim has been indicated after its claim number by using (Original) or (Currently Amended). Claims are to be examined as showed in the attached “clean copy” and “Mark up copy” of the new patent application.

4. E The scope the amended claims are changed from the original filed claims.

**RESPONSE:**

The scope the amended claims does not change from the original claims. The currently amended claims are rearranged from the original claims to clarify the relationship between independent and dependent claims. There were six original independent claims and two dependent claims. The currently amended claims have one independent claim and nine dependent claims.

Previous foldable hydrophobic polyacrylate polymers have problems of water penetration into IOL devices and protein/cell deposit on the surface of IOL which cause un-homogeneous light reflection/scattering and severely impair patient's vision. The scope of the currently amended claims is about the hydrophobic aromatic polyacrylic core polymers processed with a thin layer of biocompatible hydrophilic polymers on the surface for the medical devices used in eye surgeries. The layer of the biocompatible hydrophilic polymers on the surface of the foldable IOL devices serves as a barrier to prevent water penetration and protein/cell deposit on the IOL surface. Thus current invention can prevent or minimize the impairment of vision caused by these problems. In addition, bio-compatible coating surface can be used to “covalently” bind

various kinds useful drugs to achieve many pharmaceutical purposes which include anti-viral effects, etc. Thus the current invention is new and useful improvement thereof, may obtain a patent therefore.

### ***Conclusion and Conditional Request For Constructive Assistance***

For all of the above reasons, applicant submits that claims are now in proper form to be examined, and that the claims 1-12 all define patentably over the prior art. Therefore they submit that this application is now in condition for allowance, which action they respectfully solicit.

Applicants have elected to restrict claims 1-10 of this application to be examined so that they are proper, definite, and define novel chemical structures, which are also unobvious. If, for any reason, this application is not believed to be in full condition for allowance, applicants respectfully request the constructive assistance and suggestions of the Examiner pursuant to M.P.E.P. § 706.03(d) and § 707.07(j) in order that the undersigned can place this application in allowable condition as soon as possible and without the need for further proceedings.

Very respectfully,

The block contains two handwritten signatures in black ink. The signature on the left is 'Yu-An Chang' and the signature on the right is 'Jim-Son Chou'. Both signatures are written in a cursive, flowing style. Below the signatures is a horizontal line.

Yu-An Chang & Jim-Son Chou, applicants